

Work Order ID 105136

Tuesday, July 23, 2013 1:11:50 PM

105136

Page 1

Item ID: D4130-7

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Center Cargo Floor Protector

Stop ***NS2***

Start Date: 7/23/2013 Start Qty: 1.00

1

Required Date: 7/23/2013 Req'd Qty: 1.00

1

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: *MF*

Date: 13-7-23

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D4130

B

100

0.00

100

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg

Dwg Rev: BProg Rev: B

2-Deburr if necessary

3

0

Ac
13.07.24

110

0.00

110

QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

3

0

Ac
13.07.24

120

0.00

120

QC8- Inspect parts - second check

QC

Memo

0.00

Quality Control

828

13.7.24

3

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
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<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 105136

Tuesday, July 23, 2013 1:11:50 PM

105136

Page 2

Item ID: D4130-7

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Center Cargo Floor Protector

Stop ***NS2***

Start Date: 7/23/2013 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 7/23/2013 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:

Run Start ***NR1***

QC: Date: SPC (Y/N): Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

130

Identify as per dwg & Stock Location:

0.00

130

Packaging

Memo

0.00

Packaging

*SNP
105134*

43/7/24 (3)

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MCS 130814

*MK
13-7-24*

POSITIVE RECALL

EFFECTIVE 130713 AUTH u mtl cert

RELEASED 5 DATE 8/07/24

*Walter L. Lins. mtl cert
13/07/24 S*

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

Tuesday, July 23, 2013 1:11:50 PM

Page 1

Work Order ID: 105136

Parent Item: D4130-7

Parent Item Name: Center Cargo Floor Protector

Start Date: 7/23/2013

Required Date: 7/23/2013

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.06.08 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MLEXS.125-F60029-04 GE PLASTICS LEXAN SHEET		Purchased	No			100	sf	307.4920	17.674	20.792941			

126425

Ac
13.07.24

Location

MAT018

124866

Loc Qty

307.492

307.492

Loc Code

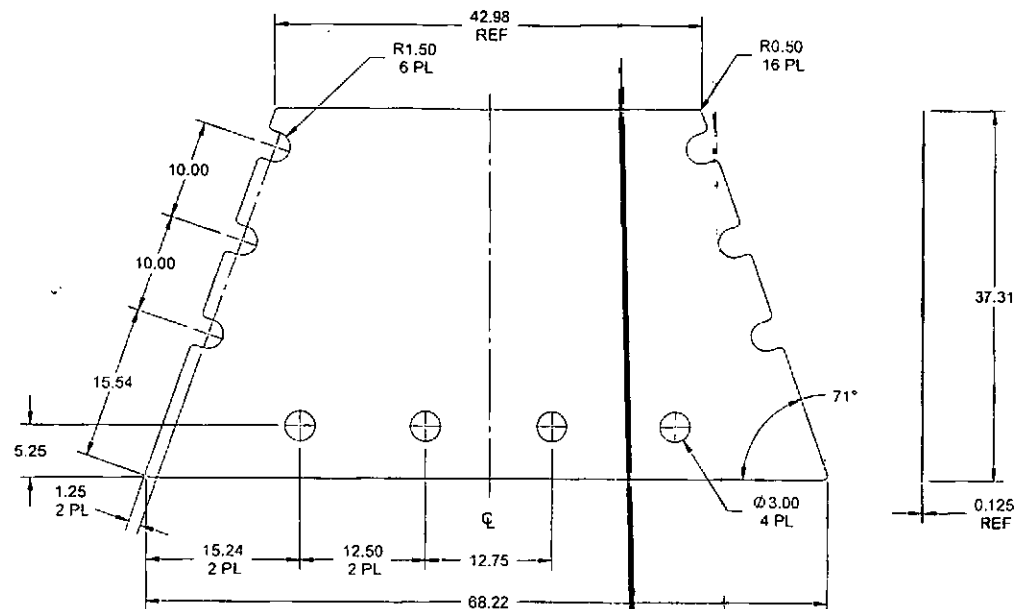
NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		



D4130-7 CENTER CARGO FLOOR PROTECTOR
(TEXTURED SIDE SHOWN)

NOTES:

- 1) MATERIAL: F60029-GY3778 DARK GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE) 0.125 THICK
REF DART SPEC MLEXS.125-F60029-04
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1 ON SMOOTH SIDE
- 7) WEIGHT: 10.92 lbs

DESIGN	HS	DART AEROSPACE USA, INC.	
DRAWN	RF	KENT, WA	
CHECKED	<i>MP</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>IS</i>	D4130	SHEET 4 OF 5
APPROVED	<i>MP</i>	TITLE	SCALE
DE APPR.	<i>MP</i>	FLOOR PROTECTOR	NTS
DATE	11.07.27	<small>COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS UNCLASSIFIED AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

RELEASED
2011-09-21
MP

105126

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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NCR: Yes / No

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Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Doc/Data <input type="checkbox"/>											
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Receiving Report

Date: 13/7/2012
Supplier: SABIC

Batch No: M126425
Dart P/O: 22296

Packing Slip: Yes ☒ No ☐
Invoice: Yes ☐ No ☒
Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
Waybill Attached: Yes ☒ No ☐ N/A ☐
Shipment Complete: Yes ☒ No ☐ N/A ☐
QC6 Inspection: 5/3/12/12 N/A ☒
Work Order: 5/3/12/12

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 13/11/2012
Date
Received/Costing
Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20296**

Purchase Order Date 6/24/2013

PO Print Date 6/24/2013

Page Number 1 of 1

Order From :

VC-GEP001

SABIC POLYMERSHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ON K1B 5M6
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
6/23/2013

Contact Name

Vendor Phone

800 267 1575

Ship To Contact

Ship To Phone

Ship Via:

TST ground

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

1126425

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	List Price	Disc %	Discounted Unit Price	Extended Price
1	MLEXS.125-F60029-04	GE PLASTICS LEXAN - SHEET	7/25/2013		2,560.00				\$15,995.20
			Yes		sf				
	MATERIAL: GE PLEXIGLASS LEXAN™ SHEET, COLOR CODE:04 GY3778 DARK GREY, TEXTURE F60029 HEAVY HAIRCELL/COBB		7/25/2013						

6/31/13

Line Total: \$15,995.20

PO Total: \$15,995.20

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required **(YES)** NO

Change Nbr:

1

Change Date: 6/24/2013

SABIC
Innovative
Plastics

سابك
SABIC

1250 OLD INNES RD. 519 OTTAWA, ONT. K1B 5L3
TEL: 613 745 7043 FAX: 613 745 4291

SABIC Polymershapes

CERTIFICATE OF COMPLIANCE

SOLD TO: DART AEROSPACE LTD.

DATE: 7/24/2013

YOUR PURCHASE ORDER 20296

OUR SHIPPER NO: 99000774

LINE ITEM #: 1.1

836/24

QUANTITY: 80

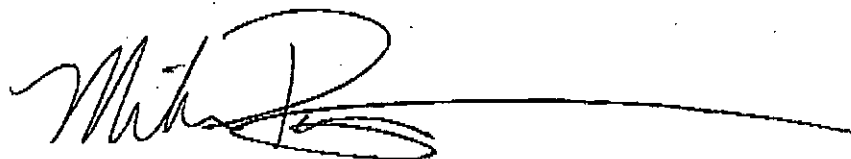
DESCRIPTION: LEXAN F60029 GY3778 GREY - 26122 - .125 X 48 X 96

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH:

THE ABOVE LEXAN F60029 SHEETS ON THE ABOVE NOTED C OF C WERE
MANUFACTURED IN ACCORDANCE WITH THE TEST METHODS ON THE ATTACHED
PRODUCT DATA SHEET.

THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIREMENTS
OF THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE
PROCUREMENT SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND
LATEST REVISIONS AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE



MICHAEL POAPS
OUTSIDE SALES REPRESENTATIVE

Attn: Brigitte 613 632 1053

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Lexan* F6000 Sheet

Product Datasheet

Description

Lexan* F6000 sheet is a flame retardant opaque polycarbonate sheet range available in standard and custom colors. In addition to good flammability performance, it offers excellent impact resistance, good stiffness and strength and ease of processing, making it suitable for a wide variety of applications in industries such as electrical/electronics and transportation (e.g. aircraft, rail).

Typical Property Values ♦

Property	Test Method	Unit	Value
Physical			
Specific Gravity	DIN 53479	-	1.21
Water Absorption, 24hrs equilibrium	ASTM D570	%	0.15
		%	0.35
Mechanical			
Tensile Strength, yield	DIN 53455	MPa	62
Tensile Modulus	DIN 53457	MPa	2200
Elongation, Yield	DIN 53455	%	7
Break		%	95
Flexural Strength, Yield	DIN 53452	MPa	90
Flexural Modulus	DIN 53457	MPa	2240
Izod Notched Impact, 20°C	ASTM D256	J/m	640
-20°C		J/m	100
Gardner Impact, 20°C	SABIC Method	J	>40
-40°C		J	>40
Taber Abrasion, CS17, 1000g, 1000cycles	ASTM D1044	mg	10
Thermal			
Vicat Softening Temperature, Rate B/120	DIN53460	°C	145
DTUL, 1.82 MPa	DIN53461	°C	132
Thermal Conductivity	ASTM C177	°C	0.2W/m
Ball Pressure Test 75°C	IEC 335-1		Pass
Ball Pressure Test 125°C	IEC 335-1		Pass
Mold Shrinkage	ASTM D1299	%	0.5 - 1.0
Thermal Expansion	VDE 0304/1	°C	6.8x10 ⁻⁵ m/m
Electrical			
Hot Wire Ignition	UL 746A	sec	37
High Voltage Arc Tracking Rate	UL 746A	mm/s	6.2
High Ampere Arc Ign. Surface	UL 746A		20
Comparative Tracking Index	IEC 112/3	V	225.0
Comparative Tracking Index, M	IEC 112/3	V	125.0
Volume Resistivity	ASTM D257	Ohm.m	1015
Surface Resistivity	IEC 93	Ohm.m	1014
Flammability			
Oxygen Index	ASTM D2863	%	35
UL Flammability	UL94	mm	V0 (1.47)
Glow Wire Test, 960 °C	IEC 695-2-1	mm	Pass (2.0)
NBS Smoke, flaming mode, DS, 1.5min	ASTM E662		<50
DS, 4.0min			<100
FAA Flammability	FAR 25.853		
	(a), 1, (i) & (ii)&(iv)	mm	Pass (1-6)
ABD0031	ATM 3.0005		Pass
BS476, part 7 (1987)		mm	Class (1.5)
CSE RF2/75/A; RF3/77 (ceiling)		mm	Class 1 (1.5, 3)

* These property values have been derived from Lexan* resin data for the material used to produce this sheet product.

* Trademarks of SABIC Innovative Plastics IP BV

Lexan*

Lexan* F6000 Sheet

Product Datasheet

Processing

Lexan F6000 sheet is ideally suited to thermoforming. It offers high, deep draw ratios, equal wall thickness distribution, and it can be formed into complex shapes using standard thermoforming equipment. Sandwich type heating systems give the best results. Lexan F6000 sheet has a forming temperature range of 185 - 205°C. When forming, a draft angle of at least 3° should be allowed, and post mold shrinkage of 0.5 - 1.0% taken into account.

Pre-drying

It is important to ensure that Lexan F6000 sheets are free of moisture prior to thermoforming. A hot air circulating oven set at 120°C is recommended. Pre-drying times vary from 3-12 hours for 1.2 to 4.0mm thick sheets.

Assembling

Parts made from Lexan F6000 sheet can be assembled with plastics, metals, rubber and other materials using many types of adhesive bonding, welding and mechanical fastening techniques. Since some of these materials can cause environmental stress cracking, please consult SABIC Innovative Plastics, Film & Sheet representative for advice on specific applications.

Painting

Lexan F6000 sheet is ideally suited for use with a wide variety of modern decoration techniques. A list of approved paint systems and suppliers is available upon request.

Chemical resistance

Lexan F6000 sheet has sufficient resistance to most mineral oils, greases, aliphatic hydrocarbons and acids under low or moderate stress levels. In applications where the Lexan F6000 sheet will come into contact with aggressive chemicals, specific (application related) testing is always advised. Effective painting systems can improve chemical resistance.

Product Availability

Product code: Lexan F6000

Textures: Polished/Suede (F6006), Polished/Haircell (F60011N)

See product availability guide for available gauges, sizes, and colors

Lexan* Tough
Polycarbonate Sheet Virtually
Unbreakable

* Trademark of SABIC Innovative Plastics IP BV

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Specialty Film & Sheet
One Plastics Avenue
Pittsfield, MA 01201
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Fax. (1) (413) 448 7506
Toll free: 1-800 451 3147

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Specialty Film & Sheet
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Tel. (31) (164) 292911
Fax. (31) (164) 293272

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Specialty Film & Sheet
1266 Nanjin Road (W)
Plaza 66, 17th Floor
200040 Shanghai, China
Tel. (86) 21 62881088
Fax. (86) 21 62880818

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Latest Update SABIC (01/2008)

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SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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SHIP VIA

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PAGE

CARGO DIRECT INTERNATIONAL INC

1 OF 1

COMER ORDER NO.	SHIP TO	SOLD TO	FREIGHT TERMS	ORIGIN	ACKNOW. DATE	SHIP DATE	TRAILER NO.	POSITION	PICKED BY	LOADED BY
FW 100126	134235	178908	PREPAID	NOR/COBourg. ONT	07-22-13	07-22-13		1		
HIP	SABIC POLYMER SHAPES				ACCOUNT NO.	WEIGHT	STCC	INDICATE CLASSIFICATION NMFC/UFC		
O	1230 OLD INNES ROAD UNIT 713				528001100LS0000	917	28 212.41	NMFC:156300/2		
OTTAWA ON K1M6 CAN										

Hazardous Materials Note: "This is to certify that the herein named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation." 49CFR172.204

UST DELIVER ON OR BEFORE	7-26	DART AEROSPACE	COLLECT ON DELIVERY
13-745-7043		1270 ABERDEEN STREET	
*** NOTES FOR: 3254695 - 1 ***		HAWKESBURY, ONTARIO	
ALL BEFORE DELIVERY 613-226-748		K6A 1K7	
		613-632-5200	
ART# 41204160			
O# & PART# ON ALL PAPERWORK			
LEASE SHIP THIS MATERIAL TO:			

SHIP TO

REQ. NO.-ITEM NO.	THM	PALLETS	WEIGHT PER PKG.	TOTAL UNITS	TOTAL NET WEIGHT	UM	LOT NO.	MKT. GRADE	COLOR	PID	CTR	GAUGE	WIDTH	LENGTH
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254695	1		80		SH SN0224 F60029		GY3778		174 BPK		1250		48.000	95.000
					1 @		80 SH							

THIS MATERIAL WAS PRODUCED IN CANADA

REF PO# 00-J02940

REF PART

For Chemical Emergency - Spill, Leak, Fire, Exposure or Accident - Call Chemtrec - Day or Night (800) 424-9300 (Toll Free)

PRODUCT WEIGHT	PRODUCT/PACKAGE WEIGHT	NO. OF PALLETS	TOTAL GROSS WEIGHT	CARRIER
2022.00	917.17 KG	400	2422	
SHIPPER'S SIGNATURE		CARRIER'S SIGNATURE AND DATE		CONSIGNEE'S SIGNATURE AND DATE

SABIC Innovative Plastics
PERMANENT POST OFFICE ADDRESS OF



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 Brockville (613) 345-2223
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INVOICE NO. / N° DE FACTURE



279635

DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7	B/L NUMBER / CONNAISSMENT MULTIPLE BOL	STICKER / ÉTIQUETTE 71637243	DATE 22-Jul-13
			TRAILER / REMORQUE T53778
CARGO DIRECT 2233 ARGENTIA ROAD MISSISSAUGA, ON L5N 2X7	CLARKE CORRIDOR 751 BOWES RD W, UNIT A P O BOX 32 CONCORD, ON L4K 1B2	ORIGIN OF TOR DEST OTT	

DELIVERY INSTRUCTIONS / INSTRUCTIONS DE LIVRAISON

PO# 00-102940 613-632-5200

COES / COLIS	DESCRIPTION	WEIGHT / POIDS	AS WT./COMME POIDS	RATE / TARIF	COLLECT / PORT D
1	SKD GEN MERCH FLAT/MINIMUM CHARGE 1SKDS/UTS S-T-C **PO# 00-102940 613-632-5200**JL BOL - 49188793, 4556306	2422	2422		
1	PREPAID	2422			
CEIVED FROM / REQU DE	REFERENCE / RÉFÉRENCE	DRIVER NAME / NOM DU CHAUFFEUR	DRIVER ID #	DELIVERY DATE / DATE DE LIVRAISON	BT SP TS
TRANSFERRED TO / TRANSFÉRÉ À	NOTICE: THE CONSIGNEE ON PREPAID FREIGHT MAY BE LIABLE FOR THE CHARGES PURSUANT TO SECTION 8 OF THE BILLS OF LADING ACT. AVIS: LE CONSIGNEUR SUR PREPAYÉ PEUT ÊTRE SUJET AUX FRAIS DE CARGAISON POUR SUJETS À LA SECTION 8 DE L'ACTE DE CONNAISSMENT.		ARRIVAL TIME / TEMPS ARRIVÉ	TIME IN / TEMPS ENTRÉ	TIME OUT / TEMPS SORTIE
RECEIVED IN APPARENT GOOD ORDER / REQU EN BON ÉTAT APPARENT		PLEASE PRINT LAST NAME / NOM DE FAMILLE EN LETTRES MOULÉES S.V.P.			
AMOUNT DUE / MONTANT À PAY.					

